

**ABSTRACT**

An analog front end system comprising a digital-to-analog converter, a line driver, a multiple-input device, and an analog-to-digital converter is presented. Furthermore, a method for DSL line testing comprising the steps of providing test stimuli to and receiving responses from a DSL line using an analog front end is presented. The 5 presented system and method provides for the testing of a DSL line in an xDSL communications system deployment.